

CALCIUM HYPOCHLORITE

GENERAL INFORMATION

Calcium hypochlorite is commonly used in water purification operations.

POTENTIAL HAZARDS

Calcium hypochlorite (e.g. water purification tablets) is an oxidizer which poses a great fire and inhalation risk. It should be handled and stored carefully. It is generally available as a white powder and/or pellets and decomposes in water to release chlorine and oxygen gases. It is toxic by oral and dermal routes and can react to release chlorine or chloramines, which can be inhaled.

WASTE CHARACTERIZATION

Discarded, expired and/or contaminated calcium hypochlorite is a HAZARDOUS WASTE.

HANDLING AND DISPOSAL PROCEDURES

Step 1: Obtain correct MSDS and use required PPE when handling this item.

Step 2: If the material is expired or no longer usable, mark/label it “HAZARDOUS WASTE – Calcium Hypochlorite” and place an “Oxidizer” label on it.

Step 3: All hazardous waste must be placed in the HWSSP as soon as it determined to be a HW. Manage all HW in accordance with the IHWMP (see HWSSP Fact Sheet).

Step 4: Contact the TAP to request a pickup.



Photo Source: www.campbell.army.mil